

d his

(FILE 'USPAT' ENTERED AT 12:55:14 ON 20 JUN 96)

L1 3320 S HIV OR HTLV OR ARV OR LAV  
L2 2155 S IMMUNODEFICIENCY  
L3 1515 S L1 AND L2  
L4 10414 S CLONED OR CLONING OR CLONES OR CLONE  
L5 491 S L3 AND L4  
L6 73634 S FY=1984  
L7 1 S L5 AND L6

=> d

1. 4,665,032, May 12, 1987, Human T cell hybridomas which produce immunosuppressive factors; Jeffrey C. Laurence, 435/240.26, 70.2, 172.2, 948; 530/380; 935/101 [IMAGE AVAILABLE]

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L7 1 S L5 AND L6  
L8 78564 S FY=1985  
L9 4 S L5 AND L8

=> d 1-4

1. 4,806,467, Feb. 21, 1989, Method for the detection of equine infectious anemia and other retrovirus infections using a competitive enzyme-linked immunoabsorbent assay and reagents useful in the same; James P. Porter, et al., 435/5, 7.5, 7.93, 172.1, 172.2; 436/518, 527, 528, 529, 531, 536, 542, 543, 548 [IMAGE AVAILABLE]

2. 4,803,156, Feb. 7, 1989, Peptide-beta-lactamase conjugates for enzyme-linked immunoassays; Alexander R. Neurath, et al., 435/5, 7.92, 18, 19; 436/820, 828; 930/142, 200, 221, 222, 223, 260, 310, DIG.820 [IMAGE AVAILABLE]

3. 4,774,175, Sep. 27, 1988, Immunochemical methods for the detection of antibody against HTLV -III; Tse W. Chang, et al., 435/5, 180, 805, 974; 436/518, 528, 531, 811; 530/324; 930/10, 221 [IMAGE AVAILABLE]

4. 4,704,357, Nov. 3, 1987, Immortalized T-lymphocyte cell line for testing HTLV -III inactivation; Hiroaki Mitsuya, et al., 435/32, 4, 5, 29, 235.1, 236, 240.26, 948; 514/42, 45, 46, 49; 536/27.14, 27.6, 27.8, 27.81, 28.2, 28.5 [IMAGE AVAILABLE]

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 L11 0 S L5 AND L10  
 L12 89578 S PY=1987  
 L13 2 S L5 AND L12

=> d 1-2

1. 4,704,357, Nov. 3, 1987, Immortalized T-lymphocyte cell line for testing HTLV -III inactivation; Hiroaki Mitsuya, et al., 435/32, 4, 5, 29, 235.1, 236, 240.26, 948; 514/42, 45, 46, 49; 536/27.14, 27.6, 27.8, 27.81, 28.2, 28.5 [IMAGE AVAILABLE]

2. 4,665,032, May 12, 1987, Human T cell hybridomas which produce immunosuppressive factors; Jeffrey C. Laurence, 435/240.26, 70.2, 172.2, 948; 530/380; 935/101 [IMAGE AVAILABLE]

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 L11 0 S L5 AND L10  
 L12 89578 S PY=1987  
 L13 2 S L5 AND L12  
 L14 89221 S FY=1987  
 L15 46 S L5 AND L14

=> d1-20

'D1-20' IS NOT A RECOGNIZED COMMAND

=> d 1-20

1. 5,464,774, Nov. 7, 1995, Bovine basic fibroblast growth factor; Andrew J. Baird, et al., 536/23.51; 530/399 [IMAGE AVAILABLE]

2. 5,378,603, Jan. 3, 1995, Method and composition for identifying substances which activate transcription of the LDL receptor gene; Michael S. Brown, et al., 435/6, 4, 29, 172.3; 436/817; 935/76, 79, 82 [IMAGE AVAILABLE]

3. 5,340,921, Aug. 23, 1994, .GAMMA., .delta.T cell receptor and methods and detection; Michael B. Brenner, et al., 530/350; 435/7.1, 7.24; 436/506; 530/387.1, 388.1, 388.75, 868 [IMAGE AVAILABLE]

4. 5,324,640, Jun. 28, 1994, Human B-cell differentiation factor and process of producing said factor; Tasuku Honjo, et al., 435/69.52, 69.1, 172.3, 235.1, 240.2, 252.3, 254.2, 320.1; 530/350; 536/23.5, 23.51; 935/9, 18, 27, 32, 41, 56, 70 [IMAGE AVAILABLE]

5. 5,156,949, Oct. 20, 1992, Immunoassays for antibody to human immunodeficiency virus using recombinant antigens; Paul A. Luciw, et al., 435/5, 7.2, 69.1, 172.3, 252.33, 810, 820, 974; 935/60, 66, 69, 71 [IMAGE AVAILABLE]
6. 5,126,433, Jun. 30, 1992, Soluble forms of the T cell surface protein CD4; Paul J. Maddon, et al., 530/395, 350, 380, 387.2, 387.9, 389.1 [IMAGE AVAILABLE]
7. 5,122,372, Jun. 16, 1992, Process for treatment of allergies; Anthony J. Pinching, et al., 424/85.5, 85.4 [IMAGE AVAILABLE]
8. 5,104,790, Apr. 14, 1992, Monoclonal antibodies to specific antigenic regions of the human immunodeficiency virus and methods for use; Alan R. Flesher, et al., 435/5, 240.27, 974, 975; 530/387.9, 388.35 [IMAGE AVAILABLE]
9. 5,079,342, Jan. 7, 1992, Cloned DNA sequences related to the entire genomic RNA of human immunodeficiency virus II ( HIV -2), polypeptides encoded by these DNA sequences and use of these DNA clones and polypeptides in diagnostic kits; Marc Alizon, et al., 530/324; 435/5, 974; 530/326, 327, 328, 329 [IMAGE AVAILABLE]
10. 5,051,496, Sep. 24, 1991, Peptides related to human immunodeficiency virus II ( HIV -2); Marc Alizon, et al., 530/324, 325, 326, 387.9, 389.4; 930/221, DIG.811, DIG.821 [IMAGE AVAILABLE]
11. 5,051,371, Sep. 24, 1991, Modified .beta..sub.2 -microglobulin; Mogens H. Nissen, et al., 436/545, 518, 543, 544, 547; 530/324, 380, 386, 387.9, 388.25, 389.3, 392, 394, 403, 811, 812, 864 [IMAGE AVAILABLE]
12. 5,041,385, Aug. 20, 1991, Vector expressing fusion proteins and particles; Alan J. Kingsman, et al., 435/320.1; 424/192.1, 210.1; 435/69.3, 69.7, 91.41, 170, 171, 172.1, 172.3, 235.1, 240.2, 252.3, 254.21; 436/543; 536/23.4, 23.7; 935/9, 12, 22, 28, 47, 59, 60, 69 [IMAGE AVAILABLE]
13. 5,039,604, Aug. 13, 1991, Test device and method of preparing same, assay kit and method for the simultaneous detection of two HTLV or HIV antibodies; Lawrence D. Papsidero, 435/5; 422/56, 57, 58, 61; 435/7.1, 7.92, 974, 975; 436/808, 809 [IMAGE AVAILABLE]
14. 5,034,511, Jul. 23, 1991, Variant of LAV viruses; Marc Alizon, et al., 530/326; 435/5, 235.1; 530/324, 350, 395 [IMAGE AVAILABLE]
15. 5,030,714, Jul. 9, 1991, Variant of LAV viruses; Marc Alizon, et al., 530/326; 435/5, 235.1; 530/350, 395 [IMAGE AVAILABLE]
16. 5,026,365, Jun. 25, 1991, Method and apparatus for therapeutically treating immunological disorders and disease states; Aldo A. Rossini, et al., 604/891.1; 424/93.71, 534; 514/866 [IMAGE AVAILABLE]
17. 5,024,940, Jun. 18, 1991, Nucleic acids encoding the delta chain of the T cell antigen receptor; Michael B. Brenner, et al., 435/69.1, 172.3, 240.27; 530/388.22, 388.75; 536/23.1, 23.5, 24.2 [IMAGE AVAILABLE]
18. 5,019,510, May 28, 1991, Isolation, molecular cloning and sequencing of an HIV -1 isolate from a Gabonese donor; Simon Wain-Hobson, et al., 435/235.1, 5, 239, 974; 935/1, 3, 9 [IMAGE AVAILABLE]

AVAILABLE]

19. 5,011,858, Apr. 30, 1991, Therapy with coenzyme Q.sub.10 of patients having AIDS or other retroviral diseases; Per H. Langsjoen, et al., 514/690; 424/94.1 [IMAGE AVAILABLE]

20. 5,008,373, Apr. 16, 1991, Fusion proteins and particles; Alan J. Kingsman, et al., 530/350; 435/69.7, 170, 171, 172.3, 233, 240.2, 252.3, 254.2, 254.21, 320.1; 530/351, 412; 536/23.4; 935/10, 12, 22, 59, 66 [IMAGE AVAILABLE]

=> d 21-40

21. 5,004,681, Apr. 2, 1991, Preservation of fetal and neonatal hematopoietic stem and progenitor cells of the blood; Edward A. Boyse, et al., 435/2; 424/529 [IMAGE AVAILABLE]

22. 4,997,926, Mar. 5, 1991, Deaminase-stable anti-retroviral 2-halo-2',3'-dideoxy; Thomasz Haertle, et al., 536/27.14 [IMAGE AVAILABLE]

23. 4,994,368, Feb. 19, 1991, Amplification method for polynucleotide assays; Thomas C. Goodman, et al., 435/6, 91.2; 436/94, 501 [IMAGE AVAILABLE]

24. 4,968,674, Nov. 6, 1990, Antiviral carbocyclic purine nucleosides; Yoshio Taniyama, et al., 514/63, 258, 261, 262, 263, 303; 544/254, 265, 267, 276, 277, 279; 546/118 [IMAGE AVAILABLE]

25. 4,965,069, Oct. 23, 1990, Oxidized viruses or viral antigens and utilization for diagnostic prophylactic and/or therapeutic applications; Gerard A. Quash, et al., 424/208.1, 204.1, 209.1, 211.1, 212.1, 215.1, 216.1, 219.1, 225.1, 230.1, 231.1; 435/238 [IMAGE AVAILABLE]

26. 4,956,292, Sep. 11, 1990, Viral strain isolated from cerebrospinal fluid of an HIV seropositive man having acute and regressive encephalopathy and use of the strain in an immunoassay; Jean-Claude Chermann, et al., 435/235.1, 5, 172.1, 172.3, 948 [IMAGE AVAILABLE]

27. 4,950,652, Aug. 21, 1990, dsRNAs for combination therapy in the treatment of viral diseases; William A. Carter, 514/44, 50, 120, 934 [IMAGE AVAILABLE]

28. 4,939,177, Jul. 3, 1990, Use of avarol for the control of AIDS and ARC; Werner E. G. Muller, 514/729 [IMAGE AVAILABLE]

29. 4,935,363, Jun. 19, 1990, Sterol regulatory elements; Michael S. Brown, et al., 435/172.3, 41, 212, 226, 240.1; 536/23.2, 23.5, 23.51, 23.52; 935/6, 34 [IMAGE AVAILABLE]

30. 4,931,393, Jun. 5, 1990, Non-infectious mutant clone of HIV ; Malcolm A. Martin, et al., 435/235.1, 172.3; 536/23.2, 23.72 [IMAGE AVAILABLE]

31. 4,921,837, May 1, 1990, Treatment of AIDS-type disease; Robert E. Donahue, 514/2, 8, 44, 50, 885 [IMAGE AVAILABLE]

32. 4,921,787, May 1, 1990, Detection of antibodies to human immunodeficiency virus by agglutination of antigen coated latex; Charles H. Riggan, et al., 435/5; 436/533, 534, 811 [IMAGE AVAILABLE]

33. 4,920,209, Apr. 24, 1990, Oral vaccines; Alan R. Davis, et al., 435/235.1; 424/199.1, 227.1, 233.1; 435/69.3, 172.3 [IMAGE AVAILABLE]

34. 4,918,166, Apr. 17, 1990, Particulate hybrid HIV antigens; Alan J. Kingsman, et al., 530/350; 424/188.1, 192.1, 208.1; 435/5; 530/395, 403, 806, 812, 824, 826; 536/23.4, 23.72 [IMAGE AVAILABLE]

35. 4,910,132, Mar. 20, 1990, Virus-free in vitro assay for anti- HIV agents; David M. Knight, et al., 435/5, 29, 33, 34, 172.3, 320.1; 436/63; 935/27, 29, 70, 76 [IMAGE AVAILABLE]

36. 4,910,131, Mar. 20, 1990, Idiotypic and anti-idiotypic antibodies useful in virus detection; Ira S. Mellman, et al., 435/5, 7.92, 172.2, 240.27, 948; 436/548; 530/387.2, 387.9, 388.3, 388.35, 389.4, 808, 809, 826 [IMAGE AVAILABLE]

37. 4,892,865, Jan. 9, 1990, Pyrrolo[2,3-d]pyrimidine nucleosides as antiviral agents; Leroy B. Townsend, et al., 514/43; 536/27.13, 27.14, 27.2 [IMAGE AVAILABLE]

38. 4,888,290, Dec. 19, 1989, Monoclonal antibody specific to HIV antigens; Kenneth H. Kortright, et al., 530/388.35; 435/5, 70.21, 172.2, 240.27; 530/808, 809; 935/110 [IMAGE AVAILABLE]

39. 4,879,277, Nov. 7, 1989, Antiviral compositions and methods; Hiroaki Mitsuya, et al., 514/49; 424/450; 514/43, 51, 78; 536/28.2, 28.5 [IMAGE AVAILABLE]

40. 4,879,212, Nov. 7, 1989, Peptide composition and method for the detection of antibodies to HTLV -III; Chang Y. Wang, et al., 435/5; 422/61; 435/7.95, 974; 436/811; 530/324, 325, 326, 327; 930/10, 221, DIG.821 [IMAGE AVAILABLE]

=> d 41-46

41. 4,861,759, Aug. 29, 1989, Antiviral compositions and methods; Hiroaki Mitsuya, et al., 514/46, 43, 47, 48; 536/25.5, 26.26, 27.14, 27.6, 27.8, 27.81 [IMAGE AVAILABLE]

42. 4,861,707, Aug. 29, 1989, Human immunodeficiency virus antigen; Lucinda A. Ivanoff, et al., 435/5; 422/61; 435/974; 436/808, 811; 530/350, 395, 825, 826; 930/220, 221 [IMAGE AVAILABLE]

43. 4,844,895, Jul. 4, 1989, Composition containing a peptide fragment of platelet factor four and method for restoring suppressed immune responses; G. Jeanette Thorbecke, et al., 424/278.1, 85.1; 514/8, 14, 21; 530/327, 380; 930/10, 100, DIG.811 [IMAGE AVAILABLE]

44. 4,833,071, May 23, 1989, Peptide composition as antigen for detection of antibodies to HTLV -I, as a vaccine for ATL and methods therefor; Chang Y. Wang, et al., 435/5; 422/61; 430/326, 327; 435/7.23, 805, 810; 930/221, DIG.811, DIG.821 [IMAGE AVAILABLE]

45. 4,812,556, Mar. 14, 1989, Synthetic peptide antigen for the detection of HIV -2 infection; Anders Vahlne, et al., 530/324; 930/221, DIG.821 [IMAGE AVAILABLE]

46. 4,755,457, Jul. 5, 1988, Method for detecting HTLV -III neutralizing antibodies in sera; Marjorie Robert-Guroff, et al., 435/5,

29, 32, 240.2, 948, 974; 436/506 [IMAGE AVAILABLE]

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